Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 22 Sep 2020 until 23:59 on Wednesday 23 Sep 2020

Forecast Issued on Tuesday 22 Sep 2020 at 02:27

Confidence: High confidence for a transition to more unsettled and much cooler weather from Tuesday onwards. Moderate confidence for extent of low cloud and hill fog on Tuesday.

Headline for Tuesday 22 Sep 2020: A cloudy and murky start. Brighter for a time, but rain arriving later with strengthening winds.

Mountain weather hazards on Tuesday 22 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Mist	Cloudy	Cloudy	Dull	Drizzle
Precipitation probability					
20%	10%	10%	20%	40%	60%

Forecast for Tuesday 22 Sep 2020

Weather: Low cloud shrouding hills to start with, especially in the west, but sunny spells should help to clear these during the morning although some may persist in the west of the park. Turning more generally cloudy through the afternoon with winds becoming strong across most parts. Intermittent periods of rain or drizzle are likely, again, generally on hills, during the late afternoon and early evening. Rain will turn more persistent and widespread by late evening.

Chance of cloud free mountain/hill tops above 600m: 30% at first, becoming 10% during the early hours with persistent, extensive cloud above 600m and occasional cloud down to around 400m at times, making navigation difficult. Becoming 90% by midday with cloud gradually lifting and breaking through the morning. Lowering to 30% during the afternoon and similar during the evening with occasional patches of cloud to approximately 500m.

Visibility: No navigational difficulties expected outside of cloud for much of the day due to the weather with good air clarity. Visibility decreasing in the rain later with only nearby hills visible. Persistent and extensive cloud cover on hills, mainly above 600m, will make navigation very tricky overnight, during the morning and through the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 22 Sep 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	20/26 S	21/30 SW	21/29 SW	21/31 SW	20/29 SW	18/28 SW
300	3/11 SW	7/15 S	14/28 SW	13/27 SW	13/28 SW	12/26 SW	12/26 SW
Valley	2/11 SW	4/12 SW	12/26 SW	11/24 SW	11/24 SW	11/25 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/8	13/9	12/8	11/7	10/7	10/6
300	11/11	13/12	15/13	14/11	13/11	13/10	12/10
Valley	12/12	14/14	16/14	15/13	14/12	14/12	13/11
Freezing Level*	2700m	2800m	2800m	2800m	2800m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds may gust up to 40mph on exposed summits during the late afternoon and evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 22 Sep 2020	0mm	0mm	0mm

Forecast for Wednesday 23 Sep 2020

Weather: Mostly cloudy with rather persistent rain overnight and a strong southwesterly breeze. Rain easing during the morning with some bright or sunny spells developing by the afternoon, especially in the west and northerly winds easing. Likely dry through the evening with clear spells, although there is the small threat of a little rain in the east.

Maximum wind: Southwesterly 20-25mph, gusting 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 30% overnight with occasional patches of cloud to around 500m. Becoming 100% during the morning and remaining so through the afternoon and evening.

Visibility: Rain will cause some nearby hills or features to become harder to determine from within valleys and lower lying areas. As rain clears through the morning, visibilities improving with excellent air clarity through the remainder of the day at all elevations.

Temperature: **Valleys:** Plus 13 degrees becoming Plus 9 degrees Celsius.
At 600m: Plus 9 degrees becoming Plus 4 degrees Celsius.
Freezing level: Above the summits throughout.

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